

Hot Water Gasoline Direct Drive

HSP Series

One of our most popular hot water units, the HSP Series features our patented Electro Magnetic Firing (EMF) system which eliminates the need for a 12V battery to operate the burner. The top-fired heat exchanger is designed for easy maintenance.



Patented Electro Magnetic Firing (EMF) system



Pump

- Direct drive triplex piston AR pump with ceramic plungers
- Stainless-steel and brass unloader valve
- Forged brass manifold
- Thermal relief valve
- Low pressure detergent injection

Engine

- Performance-proven engine with low-oil protection and recoil start

Frame

- Reinforced powder coated steel tube frame with center balanced lifting hook
- Powder coated steel hose reel mounting bracket
- Wand holder
- Solid steel threaded axles
- Four pneumatic tires with tubes
- Locking tire brake

Components

- High quality fuel filter/water separator ensures clean fuel supply
- Complete system diagnostic board
- On/off burner switch
- Pressure and high limit safety controls
- No. 1 or No. 2 diesel or kerosene fired burner (Bio-fuel not approved at this time)
- Polyethylene burner fuel tank
- Easy coil drain helps prevent freezing in cold weather
- Energy efficient top-fired powder coated heat exchanger designed for convenient troubleshooting and easy maintenance



HSP-3504-3MGR

Unit Includes

- 50-foot x 3/8-inch steel wire-braided pressure hose with screw connects, swivel and bend restrictors
- Professional-grade insulated trigger gun with safety lock-off
- Adjustable pressure insulated dual lance with 15° fixed and detergent nozzle

Miscellaneous

- Temperature rise 150°F/66°C above ambient, maximum outlet temperature is 200°F

Warranties

3 YEAR LIMITED COIL WARRANTY
3 YEAR LIMITED HONDA ENGINE WARRANTY
3 YEAR LIMITED KOHLER ENGINE WARRANTY
3 YEAR LIMITED SUBARU ENGINE WARRANTY
7 YEAR LIMITED PUMP WARRANTY

NEW KOHLER ENGINE MODEL

Model Number	PSI	GPM	Displacement/Engine	Gas Tank Cap.	Burner Fuel Tank Cap.	Burner Fuel Cons.	BTU Per Hour	Dimensions (LxWxH)	Ship Wt.	Net Wt.
HSP-2403-3MGH	2400	2.6	196cc Honda OHV	0.97 gallon	4.0 gallon	1.53 gph	205,000	38in.x30in.x38in.	385 lbs.	269 lbs.
HSP-2403-3MGR	2400	2.6	211cc Subaru OHC	0.95 gallon	4.0 gallon	1.53 gph	205,000	38in.x30in.x38in.	385 lbs.	269 lbs.
HSP-3003-3MGH	3000	2.9	270cc Honda OHV	1.59 gallon	5.5 gallon	1.84 gph	253,000	43in.x30in.x41in.	530 lbs.	407 lbs.
HSP-3003-3MGR	3000	2.9	265cc Subaru OHC	1.59 gallon	5.5 gallon	1.84 gph	253,000	43in.x30in.x41in.	530 lbs.	407 lbs.
HSP-3504-3MGH	3500	3.3	389cc Honda OHV	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lbs.	428 lbs.
HSP-3504-3MGK	3500	3.3	429cc Kohler OHV	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lbs.	428 lbs.
HSP-3504-3MGR	3500	3.3	404cc Subaru OHC	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lbs.	428 lbs.

ACCESSORIES & OPTIONS

Part Number	Description	Fits Models
20-0464A52	Rain cap - Protects boiler from moisture build-up when unit is left outside	3000 to 3500-PSI models
HX-0098	Electric start (battery included) - For easy starting	HSP-3504-3MGH
HX-0219	Electric start (battery included) - For easy starting	HSP-3504-3MGR
TX-1004-W	Puncture-proof tires - Tires are flat-free and maintenance-free, 10-inch, white hub, four tires	2400-PSI models
TX-1304-W	Puncture-proof tires - Tires are flat-free and maintenance-free, 13-inch, white hub, four tires	3000 to 3500-PSI models